251418. DACTYLIS GLOMERATA L. Poaceae.

Orchardgrass.

Col. No. 17406. Thirty km. east of Rijeka. Elevation 1,000 meters.

251419. CALAMAGROSTIS ABUNDINACEA (L.) Roth. Poaceae. Reedgrass

Col. No. 17410. Thirty km. east of Rijeka. Elevation 1,000 meters. Handsome bunchgrass; leaves to five dm. long.

251420. Festuca elation L. Poaceae.

Meadow fescue.

Col. No. 17405. Thirty km. east of Rijeka. Elevation 1,000 meters.

251421. FESTUCA Sp.

Col. No. 17413. Twenty-four km. east of Rijeka. Elevation 1,000 meters. Leaves narrow, long.

251422. Lotus corniculatus var. ciliatus (Tenore) C. Koch Fabaceae.

Trefoil.

Col. No. 17397. Zagreb road, 40 km. north of Belgrade, Serbia. Leafy perennial.

251423. LOTUS CORNICULATUS L.

Trefoil.

Col. No. 17400. Poor limestone soil, Stubiza, between Zagreb and Rijeka, Croatia. Elevation 500 meters. Plant depauperate.

251424. Lotus corniculatus var. ciliatus (Tenore) C. Koch. Trefoil.

Col. No. 17412. Twenty-four km. east of Rijeka. Elevation 1,000 meters. Plant depauperate; seed pods large.

251425. MELILOTUS OFFICINALIS (L.) Lam. Fabaceae. Yellow sweetclover.

Col. No. 17411. Thirty km. east of Rijeka. Elevation 1,000 meters.

Col. No. 17396. Zagreb road, 40 km, west of Belgrade.

251426. PHALARIS ARUNDINACEA L. Poaceae.

251427 and 251428. PHILEUM PRATENSE L. Poaceae.

Reed canarygrass.

Timothy.

251427. Col. No. 17401. Eighty km. east of Rijeka, Croatia. Elevation 540 meters.

251428. Col. No. 17408. Thirty km. east of Rijeka. Elevation 1,000 meters.

251429. POA PRATENSIS L. Poaceae. Kentucky bluegrass.

Col. No. 17409. Thirty km. east of Rijeka. Elevation 1,000 meters. Plant stoloniferous.

251430. Sorghum virgatum (Hack.) Stapf Poaceae. Tunisgrass.

Col. No. 17398. Forty km. west of Beograd, Zagreb road, Serbia. Apparently spontaneous.

251431. Trifolium pratense L. Fabaceae. Red clover.

Col. No. 17415. Thirty-two km. north of Rijeka. Elevation 500 meters.

251432. Trifolium repens L. Whiteclover.

Col. No. 17402. Eighty km. east of Rijeka, Croatia. Elevation 520 meters. 251433. TRIFOLIUM OCHROLEUCON Huds.

Col. No. 17414. Thirty-two km. north of Rijeka. Perennial with leafy rosette.

251434. Phalaris × daviesii S. T. Blake Poaceae. Canarygrass. From Australia. Seed presented by the Commonwealth Scientific and Industrial Research Organization, Brisbane. Received Sept. 29, 1958.

Fertile allopolyploids with 56 and 42 somatic chromosomes respectively were produced from the sterile F_1 hybrid with colchicine. Spontaneous allopolyploidy occurred in P. $tuberosa \times P$. minor. A quick growing perennial grass, adapted to short growing seasons, with well marked morphological characters. Volunteers freely and behaves like a naturally occurring species when cultivated.

Full data is in the Proceedings of the Royal Society of Queensland 67:27-28, 1956.